

METHOD OF FIREBRICK USE WITH FLY ASH

Patent number: KR9311260
Publication date: 1993-11-29
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Classification:
- International: C04B18/06
- european:
Application number: KR19900018839 19901120
Priority number(s): KR19900018839 19901120

Abstract of KR9311260

A fly ash brick is produced by (1) mixing 70~80 wt.% fly ash having more silicon oxide than aluminum oxide, 15~25 wt.% clay having at least more than 60% kaoline mineral and 5 wt.% gypsum anhydride with 30~45 wt.% water, (2) molding the said mixture by pressing or extruding method, (3) drying in the temperature range of 60~70&nI;C for 3~5 hours, and (4) sintering in 1,050~1,100&nI;C for 4~6 hours. The used fly ash is pulverized less than 200 meshes. The obtained brick has a dense structure, good hardness and good water protection.

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